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U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY.

A. D. MELVIN, Chief of Bureau.

SERVICE AND REGULATORY ANNOUNCEMENTS.

DECEMBER, 1915.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

879–A. Chamberlain & Company (Inc.), 33–35 John Street (Mail, 113 Clinton Street), Boston, Mass.

*508. Belmont Farm Products Co., Belmont Station, Boston, Mass.

845. Case Provision Co., 160 Passaic Street, Trenton, N. J.

Meat Inspection Discontinued.

*779. Watertown Packing Co., Watertown, S. Dak.

19–C. The Cudahy Packing Company, Fall River, Mass.

*946. St. Joseph Live Stock Serum Co., Live Stock Exchange Building, South St. Joseph, Mo.

*961. Farmers Serum Co., Granite City, Ill.

*1000. The Universal Serum Co., First Street and St. Clair Avenue, East St. Louis, Ill.

* Conducts slaughtering.

Changes in Firm Addresses.

887. Holland Butterine Co., 142 Bay Street, Jersey City, N. J., instead of 107 Hudson Street.

3-AK. Swift & Co., 14 Center Market, Wholesale Row, Washington, D. C., instead of Rear 312 Pennsylvania Avenue NW.

Station Discontinued.

Granite City, Ill. (Substation of National Stock Yards, Ill.), Watertown, S. Dak.

Station Added.

New York, N. Y., import meat inspection work, Dr. Julius Huelsen, 104 West 42d Street.

Changes in Addresses of Officials in Charge.

Dr. J. E. Shelton, post office box 445 (office at Henneberry & Co., South Summit Street), Arkansas City, Kans., instead of post office box 308.

Dr. Carl E. Freeman, Room 420, City National Bank Building, Galveston, Tex., instead of post office box 142.

Dr. L. J. Allen, Live Stock Exchange Building, Fort Worth, Tex., instead of Room 604, First National Bank Building.

Change in Firm Name.

Establishment 138 North Portland, Oreg., changed from Union Meat Co. to Swift & Co., and Union Meat Co., subsidiary.

Correction.

Through error in Service and Regulatory Announcements for November, 1915, it was stated that meat inspection had been extended at establishment 968 to include B. S. Pearsall & Co. Such statement should have read that meat inspection had been extended at establishment 968 to include B. S. Pearsall & Co.

NOTICE REGARDING MEAT INSPECTION.

CERTIFYING CAR SHIPMENTS OF MEATS DESTINED TO POINTS IN CANADA.

In order to facilitate the identification of car shipments of meats, such as beef quarters or cured meats in bulk, from official establishments to points in Canada, inspectors in charge are directed to insert in certificates issued to cover such shipments the initials and numbers of the cars in which shipment is made, including any other definite data that will facilitate proper identification of such consignments upon their arrival at Canadian establishments.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1915.

City.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago	202,546	24,976	344,940	7,940	715,067
Fort Worth	26,250	10,259	6,278	1,527	38,608
Kansas City	81,833	8,086	77,101	8,943	239,581
National Stock Yards	64,455	6,149	33,684	7,491	100,807
Omaha	59,445	1,866	133,009	258	78,520
Sioux City	20,627	1,068	27,129	.....	83,158
South St. Joseph	20,485	2,003	37,131	1,305	144,352
All other establishments	226,483	86,993	473,227	2,700	2,338,786
Total, November, 1915	702,134	141,400	1,132,499	30,164	3,738,879
Total, November, 1914	658,189	107,279	1,111,857	25,015	3,047,127
Total, January-November, 1915	6,472,649	1,693,263	11,171,072	141,582	32,939,395
Total, January-November, 1914	6,074,557	1,577,751	13,062,274	158,637	28,261,240

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1915, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	27,940	5	45,034	1,007
Canada	42,845	85	16,881	.....
Great Britain	.....	.....	4	.....
Total—November, 1915	70,785	90	61,919	1,007
November, 1914	68,033	23,836	12,765	2,500
January–November, 1915	536,698	56,672	256,861	97,136
January–November, 1914	701,178	174,278	160,787	169,901

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured meats.	Other products.	Total.
	Beef.	Other.			
Argentina	16,745,250	1,056,693	87,966	154,205	18,044,114
Brazil	1,439,910	.....	3,600	.....	1,443,510
Canada	2,292,743	252,210	352,012	136,361	3,033,326
Uruguay	346,409	.....	5,062	.....	351,471
Other countries	.....	.....	61,824	46,790	108,614
Total, November, 1915	20,824,312	1,308,903	510,464	337,356	22,981,035
Total, November, 1914	17,990,781	2,110,319	1,776,568	460,510	22,338,178
Total, January–November, 1915	233,850,822	33,502,603	27,697,090	5,882,726	300,933,244
Total, January–November, 1914	231,017,291	34,304,022	28,963,194	6,005,880	300,290,387

Condemned in November, 1915: Beef, 5,181 pounds; mutton, 366 pounds; pork, 8,799 pounds; total, 14,346 pounds. Refused entry: Pork, 1,377 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names, addresses, and facsimile signatures of foreign national government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country, name, and address.	Signature.
Canada.	
I. E. Croken, Charlottetown, Prince Edward Island	I. E. Croken
Daniel McDonald, Toronto, Ontario	Daniel McDonald,
French Indo-China.	
Alphonse Joseph Magnin, Haiphong.	A Magnin

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Added to List.

Dr. J. Payne Lowe, Passaic, N. J.

Change of Address.

Dr. Edward J. Drake, from Glendive, Mont., to Alexander, N. Dak.

PERMITTED DISINFECTANT.

In accordance with the provisions of Amendment 5 to B. A. I. Order 210, the bureau has granted permission for use of "Midland Cresol Compound," manufactured by the Midland Chemical Co., Dubuque, Iowa, as a substitute for cresol compound U. S. P., in the general disinfection of cars, yards, and other premises.

LICENSES FOR MANUFACTURE OF VETERINARY BIOLOGICAL PRODUCTS FOR 1916.

Licenses for the manufacture of veterinary biological products have been issued as follows for the year 1916, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196 and amendment):

License No.	Name and address of firm.	Products.
1	National Vaccine and Antitoxin Institute, 1513-1515 U Street NW., Washington, D. C.	Tuberculin; tetanus antitoxin.
	The Eagle Serum Co., Third and Central Streets, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
3	H. K. Mulford Co., Glen Olden, Pa. (office Philadelphia).	Blackleg vaccine; anthrax serum; anthrax vaccine; abortin solution; pneumo-strepto mixed bacterin; polyvalent mixed bacterin; strepto bacterin; coli bacterin; staphylococcus bacterin; tetanus antitoxin; antistreptococcus serum; rabies vaccine; abortus bacterin; tuberculin; mallein; white scours serum; white scours sero bacterin; canine distemper serum; canine distemper sero bacterin; anti-hog-cholera serum; hog cholera virus.
4	The Abbott Laboratories, 4753 Ravenswood Avenue, Chicago, Ill.	Poly-bacterins; staphylo-bacterin; blackleg vaccine; strepto-bacterin; canine distemper bacterin; canine distemper antitoxic serum; canine and feline mixed-infection bacterin; hemorrhagic septicemia bacterin; autogenous bacterin.
5	Parke, Davis & Co., Atwater and McDougal Streets, Detroit and Rochester, Mich.	Antistreptococcic serum; antitetanic serum; blacklegoids for sheep; blacklegoids, singles; blacklegoids, doubles; colon vaccine; canine distemper vaccine (prophylactic); canine distemper vaccine (curative); equine influenza vaccine (prophylactic); equine influenza vaccine (curative); staphylococcus-streptococcus vaccine combined (canine); influenza antitoxin; influenza-pneumo vaccine, equi; mallein; mixed infection phylacogen; pneumonia phylacogen; staphylococcus vaccine (combined); streptococcus vaccine; streptococcus and staphylococcus vaccine (combined), tuberculin; white scours serum.
6	Pitman-Moore Co., Zionsville, Ind. (office Indianapolis, Ind.)	Anti-hog-cholera serum; hog cholera virus.
7	Mid-West Serum Co., 33 and N Streets, Omaha, Nebr.	Do.
8	C. W. Hevner Serum Co., Franklin, Nebr.	Do.

License No.	Name and address of firm.	Products.
9	Lederle Antitoxin Laboratories, Pearl River, N. Y.	Tetanus antitoxin; antistreptococcus serum; mallein; tuberculin; blackleg vaccine; rabies vaccine; canine distemper vaccine, prophylactic; canine distemper vaccine, treatment; colon vaccine; equine influenza vaccine, prophylactic; equine influenza vaccine, treatment; mixed bacterial vaccine; pneumonia vaccine; staphylococcus vaccine; streptococcus vaccine.
10	Wichita & Oklahoma Serum Co., Wichita, Kans.	Anti-hog-cholera serum; hog cholera virus.
11	Sioux Falls Serum Co., 2000 Wabash Avenue, Sioux Falls, S. Dak.	Do.
12	The Royal Serum Co., Osage and Adams Streets, Kansas City, Kans.	Do.
13	Omaha Serum Co., 73d and Serum Streets, Ralston, Nebr.	Do.
14	Imperial Serum Co., 22d and Genesee Streets, Kansas City, Mo.	Do.
15	Tri-State Serum Co., 311 Central Avenue, Kansas City, Kans.	Do.
17	Beebe Laboratories, 161-163 West Third Street, St. Paul, Minn.	Blackleg vaccine; canine distemper vaccine; anti-abortion vaccine; staphylococcic and streptococcic vaccine combined; anti-influenza vaccine; normal horse serum; tetanus antitoxin; tuberculin; mallein.
18	The Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans.	Anti-hog-cholera serum; hog cholera virus.
22	Accuracy Laboratories, 1724 West Madison Street, Chicago, Ill.	Pneumococcus vaccine, combined staphylococcus vaccine; polyvalent bacterins; coli communis bacterin, influenza bacterin; streptococcus vaccine; combined streptococcus, staphylococcus, coli, and pneumococcus vaccine; autogenous vaccine.
23	The Missouri Valley Serum Co., 50-60 North Second Street, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
24	The Sihler Hog Cholera Serum Co., Central Avenue and Water Street, Kansas City, Kans.	Do.
25	Inter-State Vaccine Co., 58 Greystone Heights, Kansas City, Kans.	Do.
26	Kaw Valley Serum Co., Graystone Avenue and Perry Street, Kansas City, Kans.	Do.
27	The Simonson Serum Farm, Hooper, Nebr.	Do.
28	North Portland Serum Co., North Portland, Oreg.	Do.
31	The Comparative Vaccine Laboratories (Inc.), 129 Grand Avenue, Brooklyn, N. Y.	Autogenous vaccines; canine distemper vaccine; vaccine equina; mixed-infection vaccine; Bulgar-Lac.
32	Standard Serum Co., 11 South Second Street, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
33	Dr. Willis A. Myers & Co., South Main Street, Wenona, Ill.	A combined bacterial vaccine.
34	National Serum Co., South Second and Meyers Avenue, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
35	Dr. H. M. Alexander & Co. (Inc.), Marietta, Pa.	Tetanus antitoxin; antirabic vaccine; tuberculin; mallein.
38	The Hueben Serum Co., First and Waverly Streets, Kansas City, Kans.	Anti-hog-cholera serum; hog-cholera virus.
39	Purity Serum Co., Sioux City, Iowa.	Do.
40	Cedar Rapids Serum Co., Twenty-Third Avenue and Mallory Streets, Cedar Rapids, Iowa.	Do.
41	Kinsley Laboratories, 1426 Lydia Avenue, Kansas City, Mo.	Polyvalent bacterin; strepto bacterin; anti-influenza bacterin; colon bacterin; staphylococcus bacterin; anti-abortion bacterin; autogenous bacterin; pneumo bacterin; canine distemper bacterin; bacterin for pasteurelloses.
42	Northwestern Hog Cholera Serum Manufacturing Co., South St. Paul, Minn.	Anti-hog-cholera serum; hog-cholera virus.
43	American Serum Co., 210 Central Street, Kansas City, Kans.	Do.
45	C. H. Miner Serum Co., Red Cloud, Nebr.	Do.
46	St. Joseph Live Stock Serum Co., South St. Joseph, Mo.	Do.
47	The Board of Regents of the University of Nebraska, University Farm, Lincoln, Nebr.	Do.
49	Slee Laboratories, Swiftwater, Pa.....	Tetanus antitoxin.
53	Nodaway Valley Serum Co., Skidmore, Mo.	Anti-hog-cholera serum; hog-cholera virus.
50	United States Standard Serum Co., Woodworth, Wis.	Do.

License No.	Name and address of firm.	Products.
54	Veterinary Department, Kansas State Agricultural College, Manhattan, Kans.	Blackleg vaccine; blackleg serum.
56	The Southwestern Serum Co., Lawrence Avenue and Twenty-first Street, Wichita, Kans.	Anti-hog-cholera serum; hog-cholera virus.
59	Nebraska Serum Co., 340 N Street, Lincoln, Nebr.	Do.
61	Guilfoil Serum Co., 18–22 North Second Street, Kansas City, Kans.	Do.
62	O. K. Serum Co., Thirty-third and L Streets, Omaha, Nebr.	Do.
63	Eli-Lilly & Co., Indianapolis, Ind.....	Tetanus antitoxin; rabies virus.
65	Hawkeye Serum Co., Omaha, Nebr....	Anti-hog-cholera serum; hog-cholera virus.
66	National Serum Co., South St. Paul, Minn.	Do.
67	Shelton Serum Co., Shelton, Nebr.....	Do.
68	Dr. James McI. Phillips, 2057 North High Street, Columbus, Ohio.	Rabies vaccine.
69	The Southern Serum Co., Springfield Road, West Plains, Mo.	Anti-hog-cholera serum; hog-cholera virus.
70	St. Joseph Veterinary Laboratories, Ninth and Mary Streets, St. Joseph, Mo.	Do.
71	Big O Serum Co., Central and Water Streets, Kansas City, Kans.	Do.
72	Central Missouri Serum Co., Eastwood Avenue, Marshall, Mo.	Do.
73	Federal Serum & Chemical Co., National Road, Plainfield, Ind. (Office: Indianapolis, Ind.)	Do.
74	Ralston Serum Co., Ralston, Nebr.....	Do.
75	Dr. Chas. L. Rea's Serum Co., Central Avenue and Kaw River Dike, Kansas City, Kans.	Do.
76	Oklahoma Stock Yards Serum Co., Oklahoma, Okla.	Do.
77	Corn Belt Serum Co., 215 Winstanley Avenue, East St. Louis, Ill.	Do.
81	Superior Serum Co., Second and Meyers Avenue, Kansas City, Kans.	Do.
82	Axtell Serum Co., Gilmore Station, Omaha, Nebr.	Do.
83	E. R. Squibb & Sons Research and Biological Laboratories, New Brunswick, N. J.	Anti-hog-cholera serum; hog-cholera virus; mallein; tuberculin.
84	Grain Belt Supply Co., 3215 L. Street, Omaha, Nebr.	Anti-hog-cholera serum; hog-cholera virus.
88	Farmers' Serum Co., R. F. D. No. 2, Box 35, Granite City, Ill.	Do.
91	Gregory Farm Laboratory, White Hall, Ill.	Do.
93	The Slater Serum Co., 20 South Ewing, Kansas City, Kans.	Do.
97	Nelson Serum Co., East St. Louis, Ill...	Do.
98	Grand Rapids Serum Co., 154 Louis Street, Grand Rapids, Mich.	Mixed infection bacterin; streptococcus infection bacterin; staphylococcus infection bacterin. Anti-hog-cholera serum; hog cholera virus.
99	Corn States Serum Co., Forty-fourth Avenue and U Street, Omaha, Nebr.	Anti-hog-cholera serum; hog-cholera virus.
102	The Lathrop Serum Co., Lathrop, Mo..	Do.
103	Fowler Serum Co., 335 North James Street and Second and Splitlog Street, Kansas City, Kans.	Do.
104	Swan-Myers Co., 319–323 North Senate Avenue, Indianapolis, Ind.	Swan's Bacterin, Nos. 106, 107, 108, and 110; Swan's mixed bacterin Nos. 100, 101, 102, 103, 104, and 105; Swan's influenza bacterin No. 109.
105	Canton Serum Co., Canton, S. Dak.....	Anti-hog-cholera serum; hog-cholera virus.
107	The Jensen-Salsbery Laboratories, 1228 Main Street, Kansas City, Mo.	Mixed bacterin; strepto bacterin; anti-influenza bacterin; abortion bacterin; pneumo bacterin; colon vaccine; pasteurella vaccine; canine distemper bacterin; autogenous bacterin.
109	Farmers Hog & Cattle Powder Co., West Q and Purbaugh Streets, Lincoln, Nebr.	Anti-hog-cholera serum; hog cholera virus.

LICENSE REVOKED.

License No. 51, held by the Union Serum Co., Chicago and Chambers Streets, Sioux City, Iowa, for the manufacture of antihog-cholera serum and hog-cholera virus was revoked December 21, 1915.

PRESERVATION OF SERUM TEST SAMPLES.

Under authority contained in regulation 22, amendment 1 to B. A. I. Order 196, inspectors in charge of virus, serum, and toxin work, are directed to see that all anti-hog-cholera serum which has been prepared for testing or treatment is collected in batches of not more than 100,000 c. c. and thoroughly mixed in a single container. After mixing, representative samples consisting of three bottles containing at least 250 c. c. each to be known as the "serum test samples," shall be collected and marked with identifying marks by a bureau employee.

If the serum is released one of the three test samples of serum shall be held under bureau lock for at least six months after the latest return date shown on the trade labels affixed to the immediate or true containers of the serum corresponding to the test samples.

SPECIMENS OF TICKS TO BE KEPT IN CERTAIN CASES.

When cattle shipped as noninfected from the area quarantined for Texas fever, or cattle from the free area are found to be infected with Texas-fever ticks, specimens of the ticks shall be retained for at least one year by the inspector in charge; and if there is any doubt about the identification of the ticks, specimens shall be promptly forwarded to the bureau for examination. Ticks may be preserved in the following fluid: Formalin 2 to 5 parts, water 100 parts.

CONVICTIONS FOR VIOLATIONS OF LAWS.

QUARANTINE LAWS.

The following results of prosecutions for violations of the live-stock quarantine law were reported to the bureau during the month of December, 1915:

No. cases.	Defendant.	Nature of violation.	Penalty.	
			Fine.	Costs.
1	Southern Express Co.	Interstate shipments in violation of Texas-fever regulations.	$100.00	$22.65
1	Southern Railway Co.	do	100.00	
1	Chicago, Burlington & Quincy R. R. Co.	do	100.00	And costs.
2	do	Interstate shipments in violation of regulations regarding shipment of dead animals.	200.00	Do.
1	Wm. Lockwood	Interstate shipments in violation of foot-and-mouth disease regulations.	100.00	
	Total (6 cases)		600.00	22.65

TWENTY-EIGHT-HOUR LAW.

The following results of prosecutions for violations of the twenty-eight-hour law were reported to the Bureau during the month of December, 1915:

Number of cases.	Defendant.	Penalty.	
		Fine.	Costs.
1	Wabash R. R. Co.	$100.00	And costs.
1	Chicago, Burlington & Quincy R. R. Co.	100.00	Do.
1	Wabash R. R. Co.	100.00	$19.81
	Total (3 cases)	300.00	19.81

VIRUS-SERUM-TOXIN LAW.

In the case of Thomas B. Reed Peters and J. D. Thrower, charged with violating the law by the interstate shipment of anti-hog-cholera serum which was not prepared in an establishment holding an unsuspended and unrevoked license, the defendants entered a plea of nolo contendere and were each fined $25 and costs.

CORRESPONDENCE WITH REPRESENTATIVES OF FOREIGN COUNTRIES.

Paragraph 103 of the Administrative Regulations of this department provides, in part, as follows:

All official communications with diplomatic and consular officers in the United States and in foreign countries must be through the Secretary of State.

It is important, particularly at the present time, that this regulation be strictly observed and that it be broadened to include all representatives of foreign governments. With this in view, the regulation is amended to read:

All official communications with diplomatic and consular officers *and other representatives of foreign governments* in the United States and in foreign countries must be through the Secretary of State.

The effect of this amendment is that no correspondence whatever is to be had with any representative of a foreign government except through the Department of State.

Any correspondence that employees of this bureau may receive from representatives of foreign countries should not be answered by them but should be forwarded to the Chief of the Bureau, with any information they may possess bearing on the subject matter of the correspondence. In case bureau employees desire information from representatives of foreign countries the matter should be referred to the Washington office.

FEBRUARY PAY ROLLS.

Pay rolls and salary vouchers for the month of February, 1916, should be submitted at the close of February 23, 1916.

Salary for February, 1916, should be computed in accordance with the following instructions:

An employee who works on the 29th of February, or is on annual or sick leave in a pay status on that date, shall be paid two-thirtieths of his monthly installment therefor. Conversely, an employee who is absent from duty in a nonpay status on February 29 shall have two-thirtieths of his monthly installment deducted therefor.

Examples: An employee entering the service and working on February 29 is entitled to two-thirtieths of his monthly installment of salary; entering the service on February 10 and working full time to and including the 29th he is entitled to twenty-one thirtieths of his monthly installment; working from February 1 to 28, inclusive, and absent without pay on the 29th he is entitled only to twenty-eight thirtieths of his installment; working every day in the month, excepting, say, February 1 and 8, he is entitled to twenty-eight thirtieths of his monthly installment.

ANNUAL LEAVE.

Beginning January 1, 1916, an employee of the bureau may not go on annual leave or leave without pay from any point other than his official station, unless previously authorized by the Washington office.

Applications for such leave, approved by the proper supervising official, must be forwarded to Washington in good time with full reasons why it is desired to begin leave at points other than official stations.

This rule will not apply to employees in the course of transfer from one official station to another who have received permission from their supervising officials to stop over at points en route at their own expense for a short period of leave.

OATHS OF OFFICE OF TEMPORARY FIELD EMPLOYEES.

Memorandum No. 154 of the Office of the Secretary, under date of December 28, 1915, amends paragraph 2 of the Administrative Regulations to read as follows:

2. *Oath of office.*—In all cases of original appointment, promotion, demotion, or transfer from one position to another, on the statutory roll, or of original appointment on a lump-fund roll, or of a transfer from the statutory roll of one bureau to the lump-fund roll of another bureau, an oath of office must be executed and filed with the latter bureau before any payment of salary under the new appointment will be made. An employee performing continuous service in the same bureau will not be required to take an additional oath of office in case of his promotion, demotion, transfer from one lump-fund roll to another, transfer from statutory to a lump-fund roll, or reassignment or other change of status on a lump-fund roll.

Oaths of office, when required, must be taken without expense to the United States. They may be taken before any officer having an official seal, with authority to administer oaths either under United States statutes or local municipal law, and must be properly certified under the hand and seal of such officer. Oaths of office may also be taken before the chief clerk of the department or the chief clerk of any bureau or statutory division thereof in Washington, D. C., provided the chief clerk be one who occupies a statutory position.

Forest guards and other field employees engaged for temporary or occasional service, receiving compensation from lump-fund appropriations are authorized to subscribe to the oath of office before a forest ranger or other commissioned employee of the Department. Oaths of office, or declarations, and statement sheets of such employees shall be forwarded to the appointment clerk of the department as soon as possible after execution.

PUBLICATIONS IN DECEMBER.

[The bureau keeps no mailing list for sending publication to individual employees, but publications are sent in bulk to inspectors in charge for distribution to members of their forces. The number of copies varies with the subject or nature of the publication and the number and class of employees. For example, in the case of a publication on a veterinary subject, sufficient copies are sent for the veterinarians. Inspectors in charge will use their judgment and distribute publications to best advantage. Additional copies will be furnished on request so far as possible.]

Report of the Chief of the Bureau of Animal Industry for the fiscal year ending June 30, 1915. Pp. 66.

Department Bulletin 340. Experiments in Vaccination Against Anthrax. By Adolph Eichhorn, chief of the Pathological Division. Pp. 16.

Farmers' Bulletin 697. Duck Raising. By Alfred R. Lee, animal husbandman in poultry investigations, Animal Husbandry Division. Pp. 23, figs. 13.

Beriberi and Cottonseed Poisoning in Pigs. By George M. Rommel, chief of the Animal Husbandry Division, and E. B. Vedder, captain, Medical Corps, United States Army. Pp. 489–493. (Reprint from the Journal of Agricultural Research, December 13, 1915.)

Poultry Exhibit of the United States Department of Agriculture, Bureau of Animal Industry. (For temporary use at the exhibition of the New York Poultry and Pigeon Association, Madison Square Garden, New York, December 31, 1915, to January 5, 1916.)

Amendment 39 to B. A. I. Order 238. To prevent the Spread of Foot-and-Mouth Disease in Cattle, Sheep, Other Ruminants, and Swine. (Modifies the quarantine in relation to the State of Illinois.)

Amendment 40 to B. A. I. Order 238. (Modifies the quarantine in relation to the State of Illinois.)

Amendment 41 to B. A. I. Order 238. (Modifies the quarantine in relation to the State of Illinois.)

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

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Assistant Chief: John R. Mohler.
Chief Clerk: Charles C. Carroll.
Animal Husbandry Division: George M. Rommel, chief.
Biochemic Division: M. Dorset, chief.
Dairy Division: B. H. Rawl, chief.
Field Inspection Division: R. A. Ramsay, chief.
Meat Inspection Division: R. P. Steddom, chief.
Miscellaneous Division: A. M. Farrington, chief.
Pathological Division: Adolph Eichhorn, chief.
Quarantine Division: Richard W. Hickman, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent.
Editor: James M. Pickens.
Office of Accounts: E. J. Newmyer, in charge.
Appointment Section: Irving W. Pew, in charge.

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